



EI-news

IRTS supporting Amateur Radio



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June 2019

Sporadic E Season

The months of May through to the end of August see a dramatic increase in the occurrence of Sporadic E propagation. 10 metres, 8 metres, 6 metres, and 4 metres will generally see openings in the mornings and afternoons sometimes until 7 pm. On rarer occasions 2 metres may benefit. Users of digital modes such as FT8 and JT65 will probably be the first to see activity. The typical expected distances are about 600 to 1,400 miles (970 to 2,250 km). However, under exceptional circumstances, a highly ionized Es cloud can propagate band I VHF signals down to approximately 350 miles (560 km). When short-skip Es reception occurs, i.e., under 500 miles (800 km) in band I, there is a greater possibility that the ionized Es cloud will be capable of reflecting a signal at a much higher frequency—i.e., a VHF band 3 channel—since a sharp reflection angle (short skip) favours low frequencies, a shallower reflection angle from the same ionized cloud will favour a higher frequency. At polar latitudes, Sporadic E can accompany auroras and associated disturbed magnetic conditions and is called Auroral-E. Good indicators of Sporadic E activity are the 10 and 6 metre beacons and also the increase in numbers of overseas FM broadcast stations. A very useful source of information may be found here <https://www.dxmaps.com/spots/mapg.php?&HF=N&ML=M&Frec=50&Map=EU>

D-Day 75th Anniversary Special Event



June 6th will mark the 75th anniversary of Operation Overlord during World War II and the D-Day landings in Normandy. To commemorate those who took part, a small team from the Torbay Amateur Radio Society (TARS) is organizing a chain of five special event stations along the UK's southern coastline. Each will be based in the geographical area of a beach-landing force point of departure and will use a relevant call sign. TARS will activate a site above Brixham Harbour in Devon, a departure point for many US soldiers who later landed on Utah Beach. They will be using the Callsign GB7UF. TARS will have two club stations from the Normandy area of France activating sites on the beaches. Logging is being coordinated centrally, and stations who contact two or more of the stations within the chain will be able to download a suitable certificate to commemorate their achievement. Details on logging, certificates, and operating frequencies will be available on the [TARS website](#). [Contact](#) the organizing team via email.

Seeking VHF Manager for IRTS Committee



The IRTS is seeking a keen and experienced VHF/UHF operator to fill the position of VHF Manager on the Committee. If you are interested in taking this position please contact the IRTS Committee at committee@irts.ie

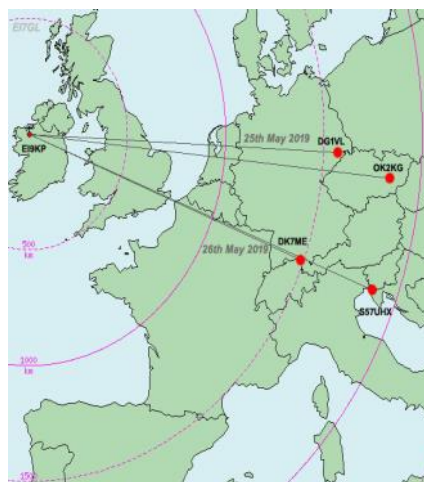
1st 40m QSO Party

The RSGB is running two 'QSO Party' contests this year. The focus of these events is to encourage newcomers to experience contesting in a relatively relaxed environment. The first 'Party' is on Saturday 8th June, from 1000 to 1200 UTC. It's on 40 metres, SSB only, the contest exchange is the default placeholder report of 59 followed by your name or nickname. There is a separate section for overseas stations, the contest organisers are hoping that EI stations will participate. The contest list has a link to the rules of this event.

Galway Radio Club

In June 1919 aviators John Alcock and Arthur Brown made the first non-stop transatlantic flight in a modified First world war Vickers Vimy Bomber from St. Johns, Newfoundland to Clifden, Connemara. As part of the centenary celebrations members of the Galway Radio Experimenters Club (GREC) will be activating a special event callsign for the month of June 2019. [EI100ABC](#) "EI 100 Alcock Brown Centenary" will be active on all the HF bands over the month with the station live from the Clifden Station house Museum for the week of the festival (12th to 16th June). Visitors and guest operators are most welcome, if you are in the area please make yourself known to the club members attending each day. We can be contacted on ei100abc@galwayradio.com Full festival details are available from <https://alcockandbrown100.com/>.

EI9KP 40 MHz activity



Phil, EI9KP is in Ireland until July the 7th coinciding with the Sporadic E Season. Recent experiments on 40MHz have resulted in some interesting cross-band QSOs between Phil on 40MHz and DG1VL, DK7ME, OK2KG and a reception report of Phil's manned beacon, on 40.250MHz, from S57UHX. More information from EI7GI's blog [https://](https://ei7gl.blogspot.com/2019/05/first-sporadic-e-crossband-)

ei7gl.blogspot.com/2019/05/first-sporadic-e-crossband-

Renew your IRTS Membership

Use this link to renew your membership for another year

www.irts.ie/renew

South Eastern Amateur Radio Club

The South Eastern Amateur Radio Group, EI2WRC will for the 12th consecutive year take part in the Geoparks Communications weekend which takes place over the weekend of the 8th & 9th of June to coincide with European Geoparks week. The club will be using the special callsign EI2GEO for the weekend. Access to the site will be available on the morning of the 8th with ample room for parking and camping overnight. This year we are planning to have as many different stations active on as many different bands and modes as possible. Tea/Coffee available all weekend. SEARG would like to thank John Galloway, Manager of the Copper Coast Geopark Centre, Bunmahon and all his staff for making this excellent site available as always for us to use for the Geopark Weekend. For anyone wishing to find out more about the South Eastern Amateur Radio Group and our activities you can drop us an email to southeasternarg@gmail.com or please feel free to come along to any of our meetings. Check our website www.searg.ie and you can also join us on Facebook

For Sale

SHACK CLEARANCE SALE

Yaesu FT2000 Transceiver with matching PSU and SP-2000

Icom 775 DSP Tranceiver with matching SP-21

Yaesu FRG100

Yaesu FT101B (no PSU)

Collins 51J-4

KW 107 Supermatch Antenna Tuner (qty 2)

KW 109 Antenna Tuner

Yaesu Rotator and controller G250

Realistic Pro 2006 Scanner

PS304 Power Supply 13.5 VDC variable, 30A

Highest reasonable offer accepted. Closing date 10th June 2019. All offers to Dave EI6AL by phone at **0861000000** or by email to dave.ei6al@gmail.com

Local Nets

Galway Digital Net

Every Monday 8:30pm

DMR TG 2724
Alistar node 29884
Fusion C4FM YSF node 04251
Fusion C4FM Wires-x node 41411
Echolink node 883269



Shannon Basin 2m Net

The Shannon Basin Radio Club is holding a net on 145.350 MHz every Thursday between 20:00 and 20:30 local. Both members and non-members are welcome with the aim of promoting the use of 2 meters

EI VHF Activity Nights

1st Tues of the month - 2m
2nd Tues of the month - 70cms
3rd Tues of the month - 4m & 6m
4th Tues of the month - Digital

Approx 7 to 10pm



Contests – June 2019

[WA7BNM Contest Calendar](#) : [RSGB HF Contests](#) : [UKEICC Contests](#) : [IRTS Contests](#)

Sat 1	15:00	24 hours	IRTS CW Field Day	160-10m, work everyone, exchange Serials
Sat 1	15:00	24 hours	Dutch Kingdom CW/SSB	40-6m, work everyone, exchange Serials
Sat 8	10:00	2 hours	RSGB 40m QSO Party SSB	40m, work everyone, exchange '59' and name
Sat 8	12:00	24 hours	Portugal Day CW/SSB	80m-10m, work everyone, send Serial, log District Code
Sun 9	09:00	7 hours	Practical Wireless QRP	2m, send Serial & Locator
Mon 10	19:00	90 mins	RSGB CC Data	80m, work UK only, exchange Serials
Sat 15	00:00	48 hours	All Asian DX CW	160-10m, work Asian stations, send Age
Sat 15	15:00	24 hours	Stew Perry Topband CW	160m, exchange four character grid (e.g. IO62)
Wed 19	19:00	90 mins	RSGB CC CW	80m, work UK only, exchange Serials
Thu 27	19:00	90 mins	RSGB CC SSB	80m, work UK only, exchange Serials
Every	Wed	60 mins	CWops Mini Contests	160-10m, three separate CW contests

List compiled by Joe [EI7GY](#) (All times are UTC)